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**FIGURE 1A****Public human HNOEL – SEQ ID NO:1**

>gi|14602834|gb|BC009920.1|BC009920 Homo sapiens, HNOEL-iso protein, clone MGC:2896 IMAGE:3010136, mRNA, complete cds

(Also published as: gi|9910269|ref|NM\_020190.1| Homo sapiens HNOEL-iso protein (HNOEL-iso), mRNA)

GGCACCGAGGA AGAGGCTGAC TGTACGTTCC TTCTACTCTG GCACCACTCT CCAGGCTGCC ATGGGGCCCA 70  
GCACCCCTCT CCTCATCTTG TTCCCTTTGT CATGGTCGGG ACCCCTCAA GGACAGCAGC ACCACCTTGT 140  
GGAGTACATG GAACGCCGAC TAGCTGCTTT AGAGGAACGG CTGGCCCAGT GCCAGGACCA GAGTAGTCGG 210  
CATGCTGCTG AGCTGCGGGGA CTTCAAGAAC AAGATGCTGC CACTGCTGGA GGTGGCAGAG AAGGAGCGGG 280  
AGGCACTCAG AAC'TGAGGCC GACACCCTCT CCGGGAGAGT GGATCGTCTG GAGCAGGAGG TAGACTATCT 350  
GGAGACCCAG AACCCAGCTC TGCCCTGTGT AGAGTTTGTAT GAGAAGGTGA CTGGAGGCC CGGGACCAA 420  
GGCAAGGGAA GAAGGAATGA GAAGTACGAT ATGGTACAG ACTGTGGCTA CACAATCTCT CAAGTGAGAT 490  
CAATGAAGAT TCTGAAGCGA TTTGGTGGCC CAGCTGGTCT ATGGACCAAG GATCCACTGG GGCAAAACAGA 560  
GAAGATCTAC GTGTTAGATG GGACACAGAA TGACACAGCC TTTGTCTTCC CAAGGCTGCG TGACTTCACC 630  
CTTGCCATGG CTGCCCGGAA AGCTTCCCGA GTCCGGGTGC CCTTCCCCTG GGTAGGCACA GGGCAGCTGG 700  
TATATGGTGG CTTTCTTTAT TTTGCTCGGA GGCTCCTCTGG AAGACCTGGT GGAGGTGGTG AGATGGAGAA 770  
CACTTGCAG CTAATCAAAT TCCACCTGGC AAACCGAAC A GTGGTGGACA GCTCAGTATT CCCAGCAGAG 840  
GGGCTGATCC CCCCCTACGG CTTGACAGCA GACACCTACA TCGACCTGGC AGCTGATGAG GAAGGTCTTT 910  
GGGCTGTCTA TGCCACCCGG GAGGATGACA GGCACCTGTG TCTGGCCAAG TTAGATCCAC AGACACTGGA 980  
CACAGAGCAG CAGTGGGACA CACCATGTCC CAGAGAGAAT GCTGAGGCTG CCTTGTCTAT CTGTGGGACC 1050  
CTCTATGTCTG TCTATAACAC CCGTCCTGCC AGTCGGGCC GCATCCAGTG CTCCCTTGAT GCCAGCGGCA 1120  
CCCTGACCCCC TGAACGGGCA GCACTCCCTT ATTTTCCCG CAGATATGGT GCCCATGCCA GCCTCCGCTA 1190  
TAACCCCCGA GAACGCCAGC TCTATGCCTG GGATGATGGC TACAGATTG TCTATAAGCT GGAGATGAGG 1260  
AAGAAAGAGG AGGAGGTTTG AGGAGCTAGC CTTGTTTTTG GCATCTTCT CACTCCCATA CATTATATT 1330  
ATATCCCCAC TAAATTTCTT GTTCCCTCATT CTTCAAATGT GGGCCAGTTG TGGCTCAAAT CCTCTATATT 1400

## FIGURE 1B

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**FIGURE 2****Human Protein (HNOEL) - SEQ ID NO:2****gi|14602835|gb|AAH09920.1|AAH09920 HNOEL-iso protein [Homo sapiens]**

MGPSTPLLIL FLLSWGPLQ GQQHHLVEYM ERRLAALEER LAQCQDQSSR HAAELRDFKN KMLPLLEVAE 70  
KEREALRTEA DTISGRVDRL EREVDYLETQ NPALPCVEFD EKVTGGPGTK GKGRRNEKYD MVTDCGYTIS 140  
QVRSMKILKR FGGPAGLWTK DPLGQTEKIY VLDGTQNDTA FVFPLRLDFT LAMAARKASR VRVPFPWVGT 210  
GQLVYGGFLY FARRPPGRPG GGGEMENTLQ LIKFHLANRT VVDSSVPAE GLIPPYGLTA DTYIDLAADE 280  
EGLWAVYATR EDDRHLCLAK LDPQTLDTEQ QWDTPCPREN AEAAFVICGT LYVVVNTRPA SRARIQCSFD 350  
ASGTLTPERA ALPYFPRRYG AHASLRYNPR ERQLYAWDDG YQIVYKLEMR KKEEEV 406

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**FIGURE 3**